

River to Reefs Educator's Workshop 2006

June 11-16th or 25-30th, 2006



One of the sights you'll see at Gray's Reef with the ROV!

Join staff from the Georgia Aquarium and NOAA's Gray's Reef National Marine Sanctuary for a six-day, jam-packed teacher's workshop of fantastic field experiences and empowering classroom lessons.

This workshop will begin in Atlanta with a visit to the Georgia Aquarium. Participants will then follow the course of the Altamaha Watershed from its headwaters near the Georgia Aquarium to Gray's Reef National Marine Sanctuary with numerous field experiences along the way. The highlight of the workshop will be an all day trip to Gray's Reef where participants will deploy and operate an ROV (remotely operated vehicle) to see the reef without ever getting wet!

Gray's Reef is situated 20 miles east of Georgia's coast, just off Sapelo Island's Cabretta Beach. The sanctuary encompasses approximately 20 square miles of scattered limestone outcroppings that create a live-bottom reef. Within the boundaries are intermittent hard rocky ledges that host three species of hard coral, Ivory Bush Coral (*Oculina sp.*), as well as encrusting tunicates, soft corals and sponges of various colorful species. And that's what attracts the fish galore!

Other field experiences will include water quality monitoring training, a short canoe trip, a boat ride on the Altamaha River to explore the watershed that directly influences Gray's Reef, and a ferry ride over to Sapelo Island to explore the marshes and estuaries. While on Sapelo Island participants will learn about the cultural history of the native islander, investigate the ecology of the beach communities, and hopefully observe a female Loggerhead sea turtle laying her eggs as the species has done for 180 million years.



At the end of each day we'll discuss our experiences and share how these experiences can be incorporated into classroom lessons.

PLU credits will be awarded teachers completing the requirements of the workshop.

2005 participants gearing up for their boat trip to Gray's Reef.

Leaders for the workshop are:

Cathy Sakas, Education Coordinator, NOAA's Gray's Reef National Marine Sanctuary

Kim Morris-Zarneke, Manager of Education Programs, Georgia Aquarium

Cost: Free

Dates: June 11-16 or June 25- 30

Maximum Participants:: 16 per workshop

Due to the limited number of spaces, interested teachers must apply and be accepted into the workshop to participate. Applications are due by April 20th.

Selected participants will be notified by May 1st

Send completed applications electronically or by mail to Kim Morris-Zarneke.

Kim Morris-Zarneke, Education Dept, 225 Baker St, Atlanta, GA 30313

E-mail: kzarneke@georgiaaquarium.org

Phone: 404-581-4192



Application Form - Due April 20th

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Presented by the Georgia Aquarium and NOAA's Gray's Reef National Marine Sanctuary's

PLEASE PRINT OR TYPE

Please note which week would be your first and second choice: ☐ June 11-16th ☐ June 25-30th

Name:

Home Address:

E-mail Address:

Home Telephone:

Work Telephone:

Name and Address of School:

Grades and Subjects Taught:

Approximate Number of Students Taught Per Year:

Please answer the following questions on a separate page.

1. How will this workshop help you personally grow professionally?
2. How will this workshop benefit your classroom instruction?
3. What do you hope to learn during this workshop?

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